



2019 Live Yes! Conference of Champions

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Digging Deeper into Patient Reported Outcomes

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Objectives:

- Learning creative ways to utilize your Patient Reported Outcomes dashboard data for local mission programming
- Interpreting the Insights results to demonstrate impact within your community and grow the Live Yes! Arthritis Network

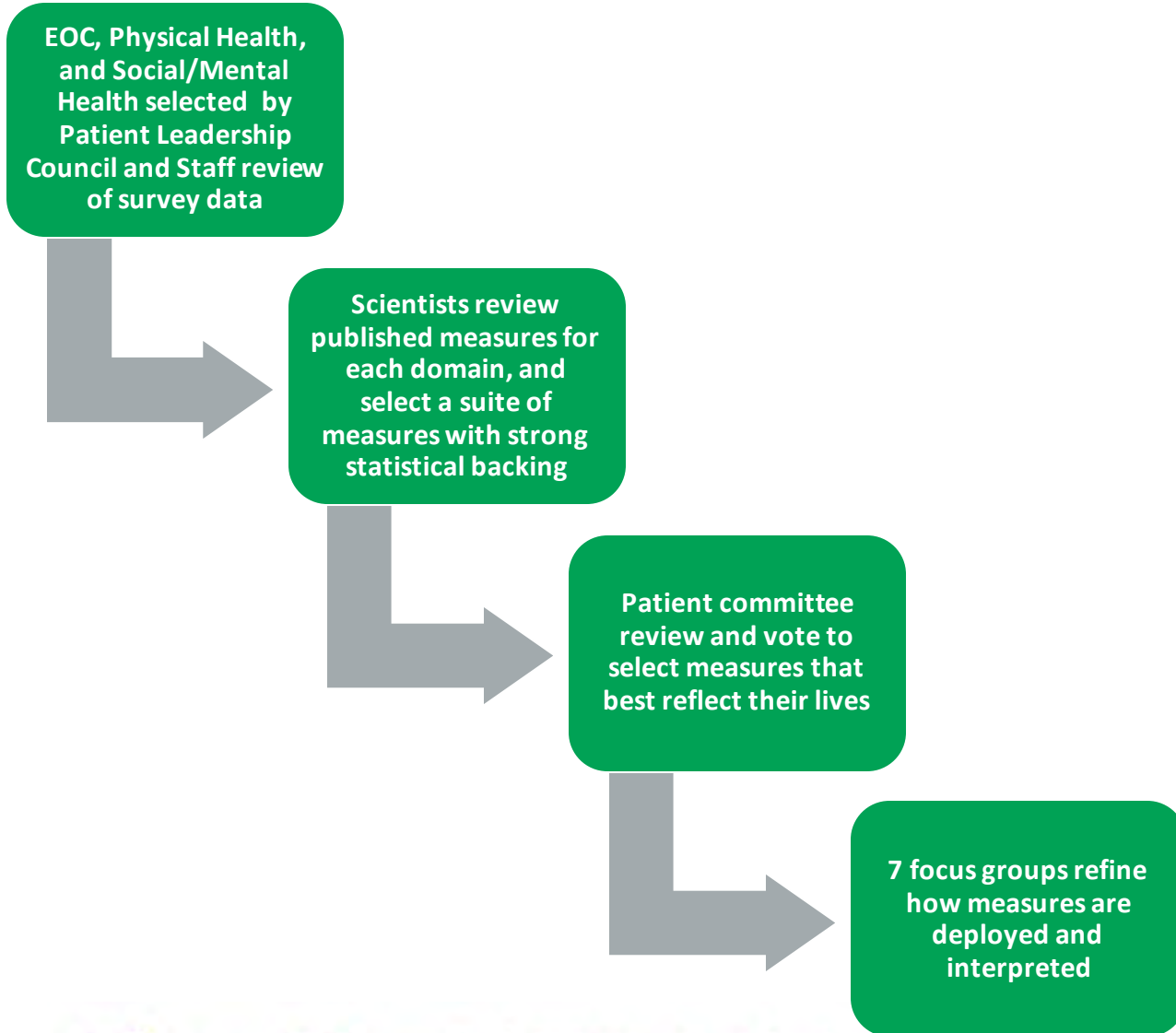
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How the measures were selected



Network Impact: Building on Three Focus Areas

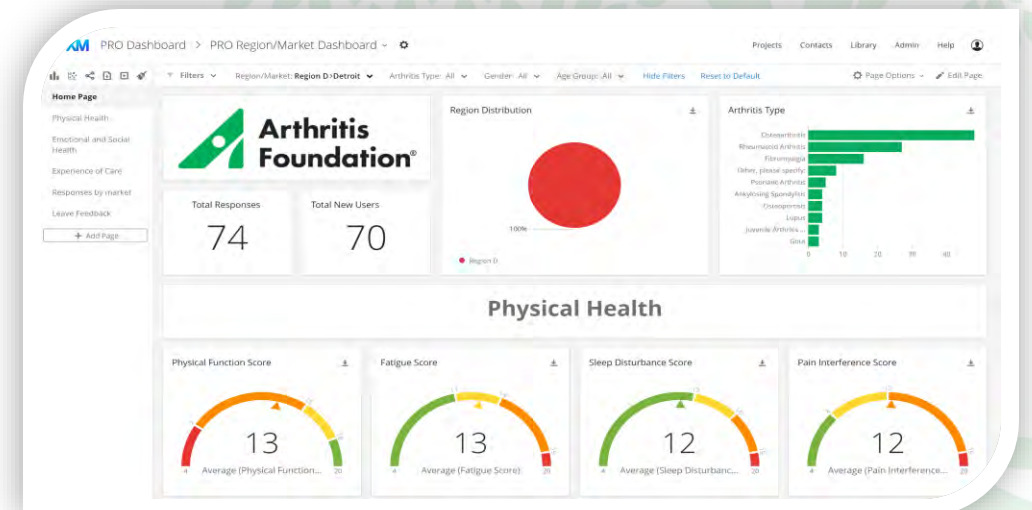
Improved Physical Health

Improved Emotional & Social Health

Better Experience of Care

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The research behind the measures

Relax – Just Listen –
There's no test!

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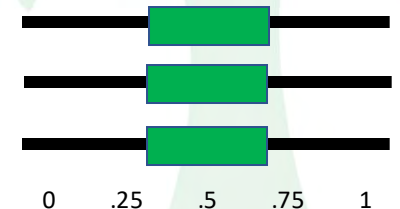
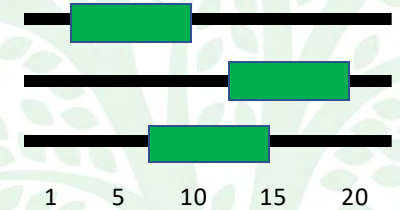
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The research behind the measures

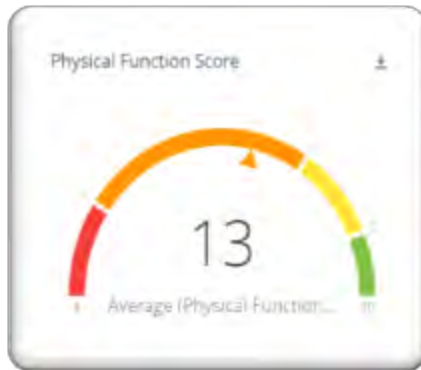
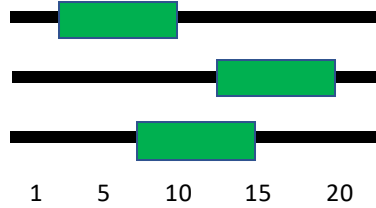
- People with arthritis voted to use a popular patient reported outcome measures for 10 subdomains spread across 3 main domains.
- Eight measures are benchmarked against a reference population dataset of more the 3000 people sampled from the community and balanced for age, race, gender, etc.

What the numbers mean

- The Live Yes! Insights market dashboard currently show raw scores that range from 1-20.
- But “normal” score is different for different measures.
- Right now, to compare to the reference population we have to convert the numbers using a look up table.



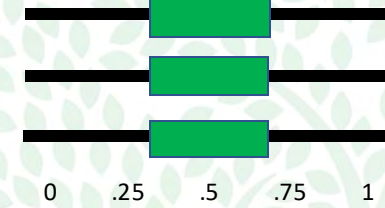
What the numbers mean



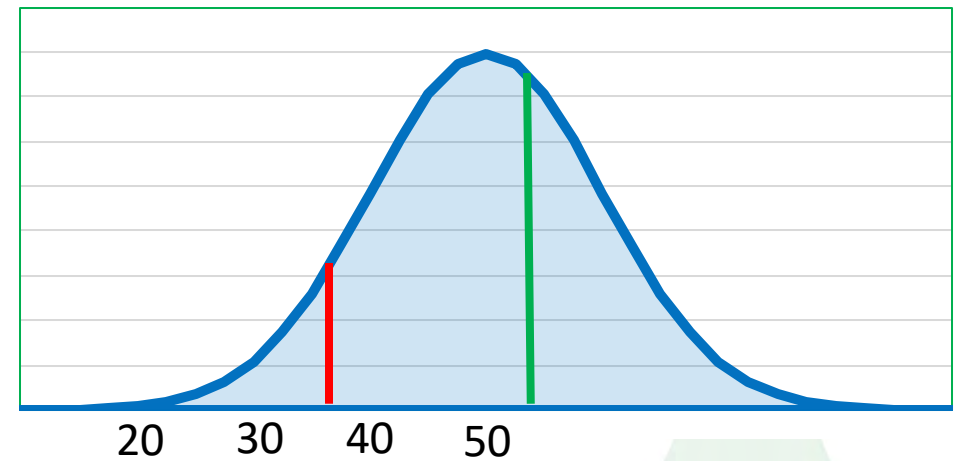
Anxiety 4a - Adult v1.0		
Short Form Conversion Table		
Raw Score	T-score	SE*
4	40.3	6.1
5	48	3.6
6	51.2	3.1
7	53.7	2.9
8	55.8	2.7
9	57.7	2.6
10	59.5	2.6
11	61.4	2.6
12	63.4	2.6
13	65.3	2.7
14	67.3	2.7
15	69.3	2.7
16	71.2	2.7
17	73.3	2.7
18	75.4	2.7
19	77.9	2.9
20	81.6	3.7

Adult v2.0 - Physical Function 4a		
Short Form Conversion Table		
Raw Summed Score	T-score	SE*
4	22.5	4.0
5	26.6	2.8
6	28.9	2.5
7	30.5	2.4
8	31.9	2.3
9	33.2	2.3
10	34.4	2.3
11	35.6	2.3
12	36.7	2.3
13	37.9	2.3
14	38.2	2.4
15	40.5	2.4
16	41.9	2.5
17	43.5	2.6
18	45.5	2.8
19	48.3	3.3
20	57.0	6.6

*SE = Standard Error on T-score metric



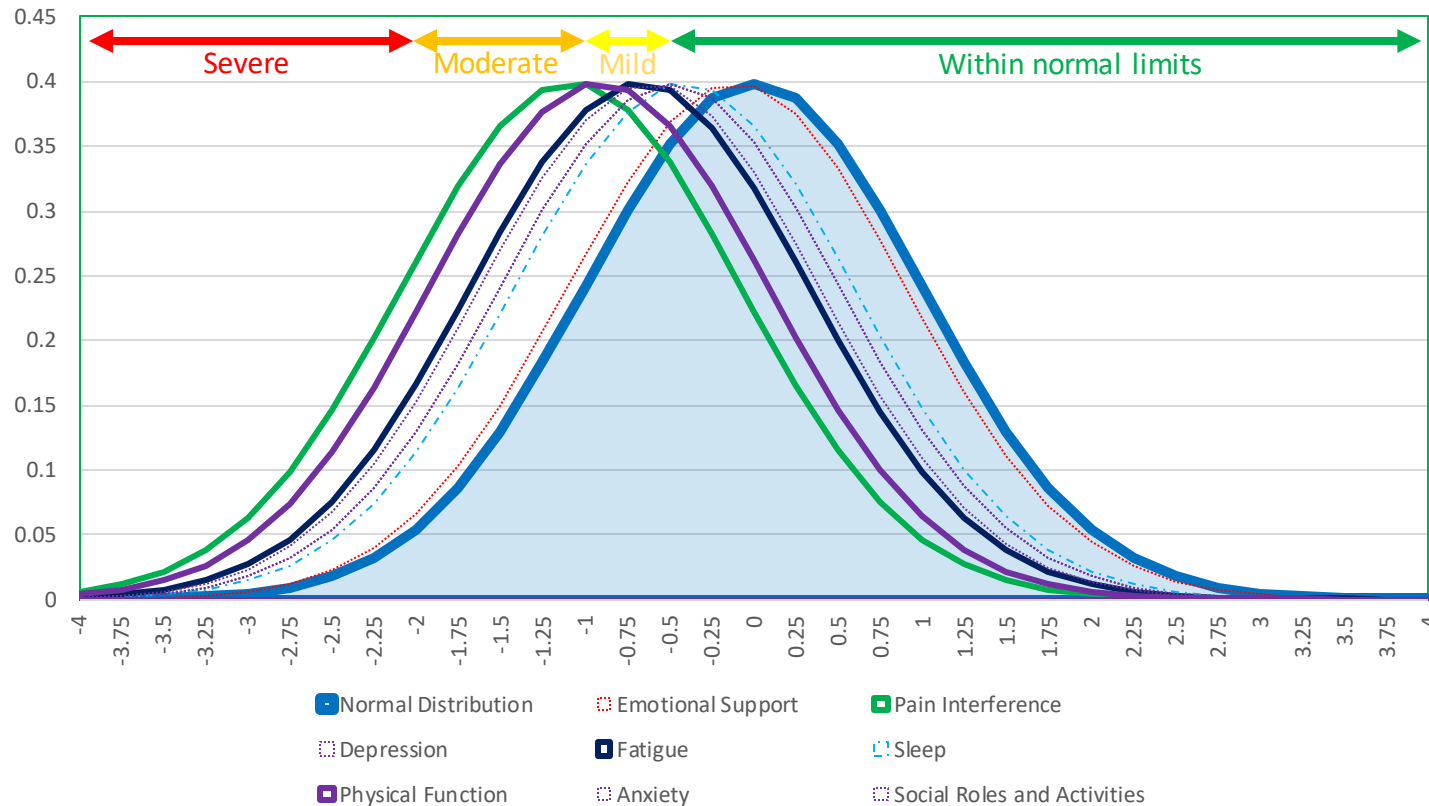
Distribution of Reference Population



Going A Little Deeper on the Numbers

Visualizing how our national community differs from the reference

Live Yes! Insights Estimated Distributions



Domain	Percentile
Anxiety	31
Depression	31
Emotional Support	46
Fatigue	25
Pain Interference	14
Physical Function	18
Sleep	34
Social Roles and Activities	27

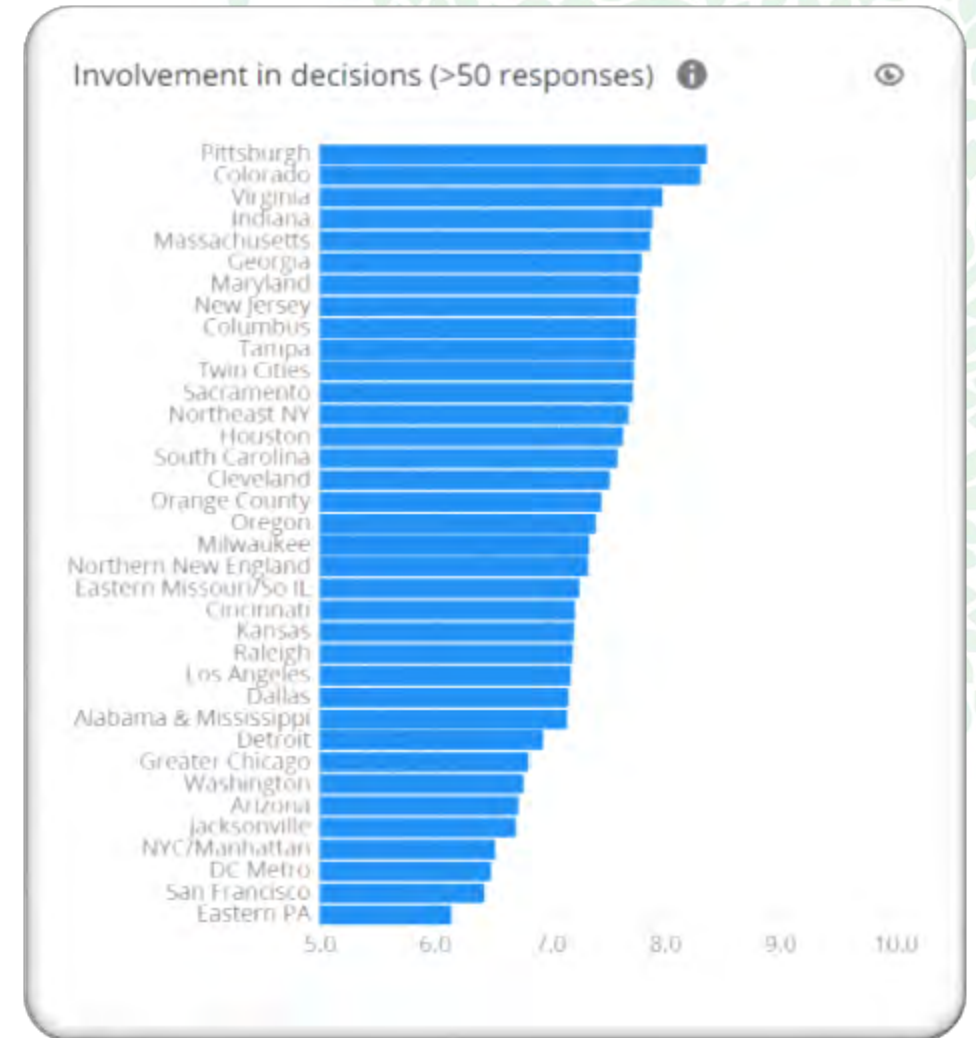
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So what about Experience of Care?

- EOC measures don't have the history of research that the other 8 domains have.
- They don't have a large reference dataset to compare to.
- But, we are beginning to be able to create our own dataset with your help, and can look at how markets compare to each other.
- We hope to release these types of analyses in future dashboard updates



Market example



Table Activity

- Dig deeper into the data!
- How do you interpret the results for *your* community?
- You will report back your findings to the large group.

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Table Facilitators

Katie Bertotti, Mission Integration Manager, Region B

Emily Creek, Senior Director, Help and Support

Vickie Fung, Vice President, Live Yes! Arthritis Network

Lindsay Kumlien, Mission Integration Manager, Region C

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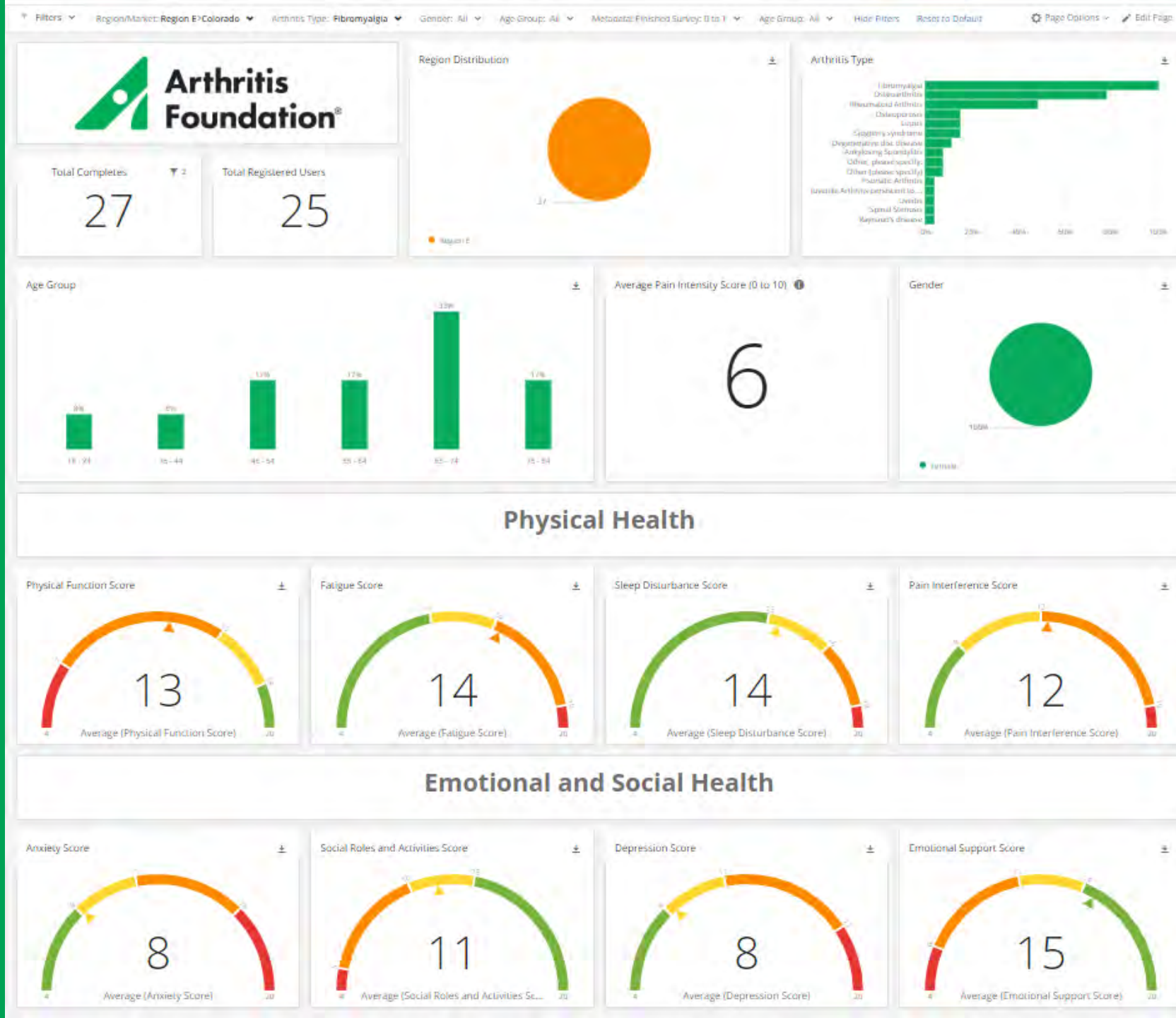
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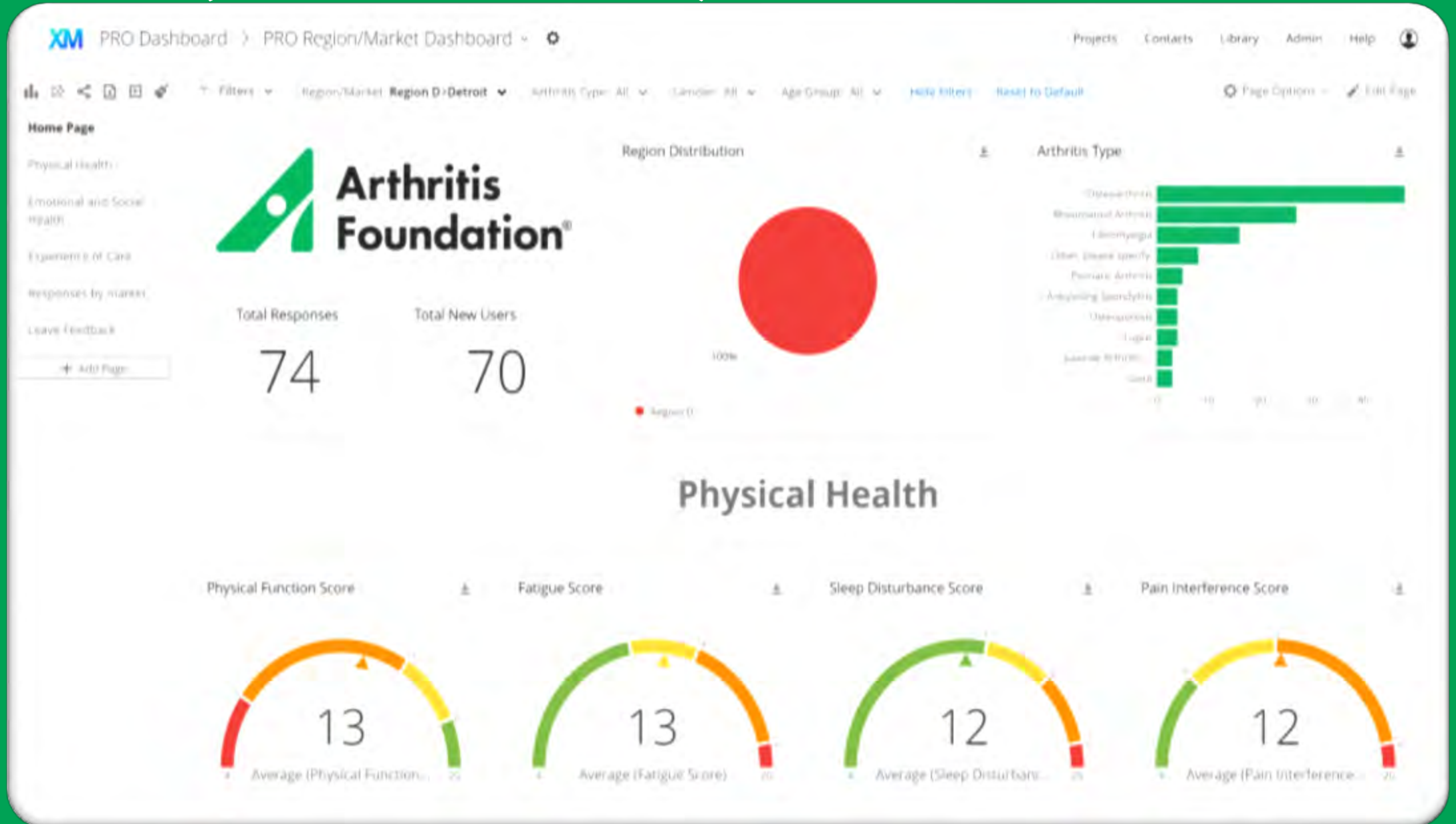
Market example



Market example



Market A (tables #1 & #2)



Market A cont. (tables #1 & #2)

Emotional and Social Health

Anxiety Score

±



Social Roles and Activities Score

±



Depression Score

±



Emotional Support Score

±



Experience of Care

Involvement in Interactions Score

±

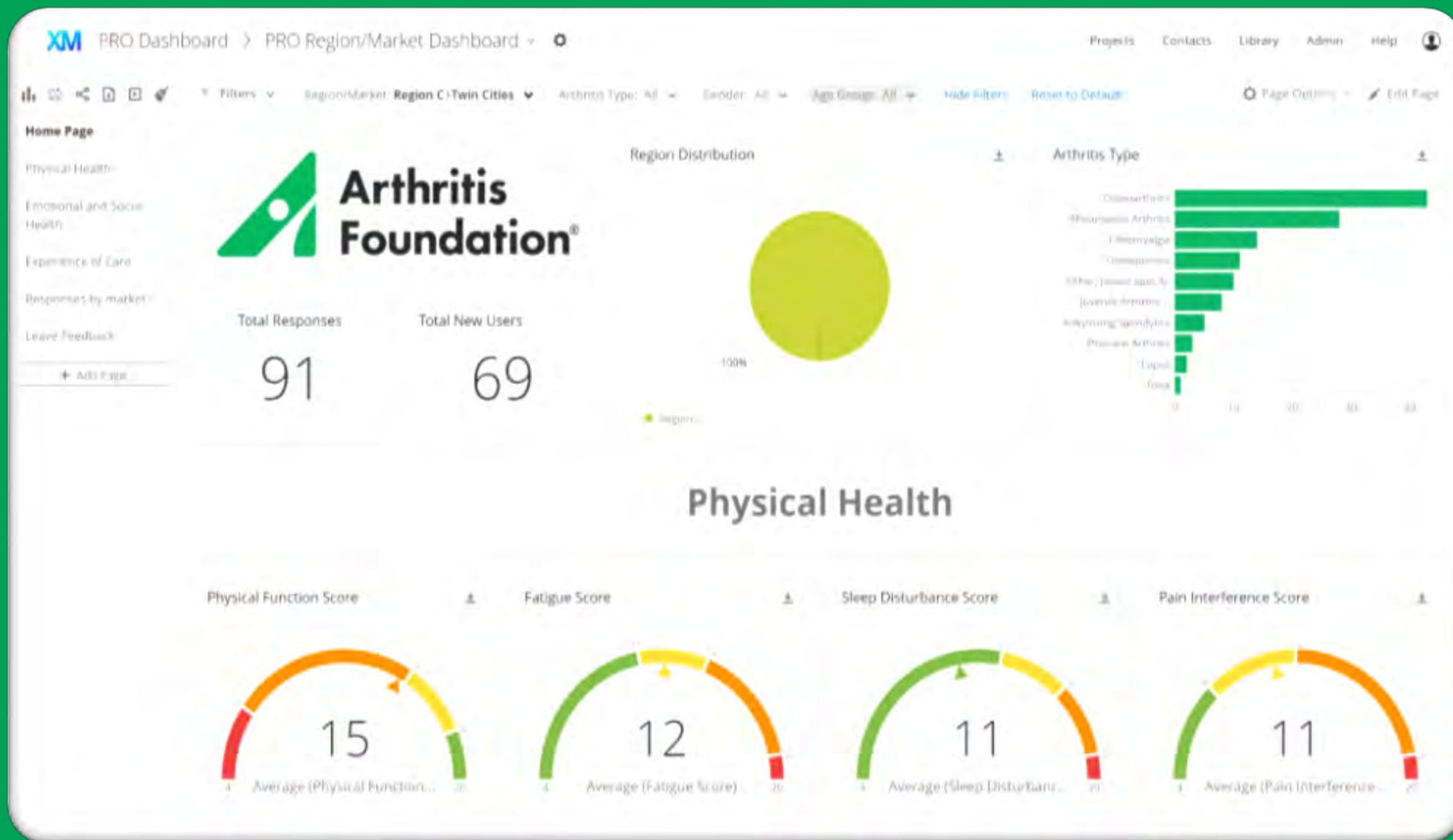


Involvement in Decisions Score

±



Market B (tables #3 & #4)



Market B cont. (tables #3 & #4)

Emotional and Social Health

Anxiety Score



Social Roles and Activities Score



Depression Score



Emotional Support Score



Experience of Care

Involvement in Interactions Score



Involvement in Decisions Score

